

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
SI	QUESTIONS	Answers Choice
1	The building blocks of protons and neutrons are called.	A. lons B. Electrons C. Positrons D. quarks
2	Which of the following has bulk modulus?	A. Water B. Gas C. Honey D. All
3	A charge on 4 coulomb is in the field of intensity 4N/C the force on the charge is.	A. Uniform B. Non uniform C. Weak D. Strong
4	If the resistance of 500 Ohm have fourth band of silver colour then its upper maximum resistance will be.	A. 600 Ohm B. 550 Ohm C. 450 Ohm D. 400 Ohm
5	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
6	A certain wire has a resistance R, the resistivity of an other wire of an identical material with the first, except for twice its diameter is.	A. 1/4 R B. 4R C. 2R D. Same as R
7	Which of the following converts electrical energy into mechanical energy.	A. Transformer B. A.C. generator C. D.C. generator D. D.C. motor
8	One electron volt is equal to.	A. 1.6 x 10 ⁻¹⁹ Joule B. 1.6 x 10 ⁻¹⁹ Coulomb C. 1.6 x 10 ⁻¹² N D. 1.6 x 10 ¹⁸ Joule
9	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator
10	Electron volt is unit of:	A. Chemical energy B. Potential energy C. Nuclear energy D. heat energy
11	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
12	The current through a resistance of 100 Ohm when connecting across a source of 220 V is.	A. 22000 A B. 22 A C. 2.2 A D. 0.45 A
13	Photo diode detects.	A. Visible light B. Radio waves C. X rays D. All of them
		A. IV
14	The rod of unit length is moving at 30 o through a magnetic field of 1 T. If the velocity of rod is 1 m/s, then induced emf in the rod will be given by	B. 0.25 V C. 0.5 V D. 0.6 V
15	Recentally a complex crystalline structure known as yttrium barium copper oxide (Yba $_2$ Cu $_3$ O $_3$) have reported to become super conductor at	A. 163 K B. 169 K C. 200 K D. 100 K

16	The SI unit of E is NC-1 and that of B is Na-1 m-1 then the unit of E/B is.	A. ms-2 B. ms C. ms ⁻¹ D. m-1s-1
7	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
18	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
19	A charged conductor has charge on its.	A. Inner surface B. Outer surface C. Middle surface D. Surrounding space
20	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months